Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 22 Mar 2023 until 23:59 on Thursday 23 Mar 2023

Forecast Issued on Tuesday 21 Mar 2023 at 16:22

Confidence: High for generally unsettled conditions with showers or longer spells of occasionally heavy rain but lower for details.

Headline for Wednesday 22 Mar 2023: Sunny spells and showers. Windy with southwesterly summit gales.

Mountain weather hazards on Wednesday 22 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Heavy Rain
Precipitation probability							
>95%	60%	30%	20%	20%	40%	20%	70%

Forecast for Wednesday 22 Mar 2023

Weather: Persistent, occasionally heavy, rain clearing eastwards overnight with clear spells developing. Then a bright day with a mix of sunny spells and showers, these perhaps wintry on the highest summits. Cloud increases again through the evening with occasionally heavy rain spreading east.

Chance of cloud-free hill tops above 600m: Around 40% at dawn rising to 75% by mid-morning lowering to 60% in the afternoon, then falling considerably through the evening.

Low Cloud and visibility: Periods of cloud above about 450-600m becoming more occasional above 600-750m by mid-morning, then periods at times through the afternoon, periods or persistent cloud above 450-600m develop during the evening. Away from cloud visibility very good falling to several kilometres in rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 22 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/44 S	32/44 SW	32/47 SW	27/40 SW	29/43 SW	25/36 SW	20/31 S	26/38 S	25/38 SW
300	18/38 S	19/39 SW	20/40 SW	18/36 SW	20/38 SW	16/31 SW	11/25 S	15/32 S	17/34 SW
Valley	16/37 S	17/37 SW	16/36 SW	16/33 SW	17/35 SW	14/29 SW	10/23 S	14/30 S	15/32 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	6/0	4/-3	3/-4	4/-2	5/-1	5/-0	4/-2	3/-3
300	7/3	8/4	6/1	6/1	8/4	8/4	7/4	7/3	6/1
Valley	9/5	9/6	7/3	7/3	9/6	9/6	8/6	8/4	7/3
Freezing Level*	2000m	1800m	900m	800m	900m	1000m	1100m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 65mph over ridges and summits through the early hours then closer to 55mph by day with a significant chill effect. Underfoot conditions expected to be pretty wet after recent rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 21 Mar 2023	5.8mm	12.6mm	15.4mm

Forecast for Thursday 23 Mar 2023

Weather: Clear spells and occasional showers through the early hours, these perhaps wintry on the highest summits. Then sunny spells and occasionally heavy showers, with a risk of thunderstorms, with perhaps some wintriness on the highest summits.

Maximum wind: Southwesterly winds 25-30mph, with gusts around 50mph over ridges and summits.

Chance of cloud-free hill tops above 600m: Around 60%

Low Cloud and visibility: Occasional or periods of cloud above 600-750m, with patches down to 450m at times. Away from cloud visibility very good falling to several kilometres in showers.

Temperature: **Valleys:** Around plus 6 or 7 through the early hours rising to plus 11 or 12 Celsius by day
At 600m: Around plus 4 Celsius
Freezing level: Above the summits.

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